

*Project* London Office

*Project no.* 33

*Engineer* KAL

*Checked by*

*Date checked*

*File* C:\Users\khalid\Documents\Hevacomp Projects\Crawford London Office\General\General\Hevacomp DDB\

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***Design basis***

*Outside design temperature* -4 °C

*Heat loss model* Complex model

*Main system of heating :* Warm floor

*Rooms included* Room 04 selected

***Summary results***

<b>Room ref.</b>	<b>No. off</b>	<b>Inside temp.</b>	<b>Fabric loss (W)</b>	<b>Infiltration loss (W)</b>	<b>Total loss (W)</b>
04	1	20	61088	6854	67942

Project London Office

*Outside design temperature*                      -4 °C  
*Heat loss model*                                      Complex model  
*Main system of heating :*                          Warm floor  
*Rooms included*                                      Room 04 selected

**Project total heat losses**

Total exposed wall loss	26403	W
Total exposed roof loss	29583	W
Total exposed floor loss	0	W
Total internal floor loss	0	W
Total internal ceiling loss	0	W
Total internal partition loss	0	W
Total window loss	5102	W
Total rooflight loss	0	W
Total infiltration loss	6854	W
Total fixed air loss	0	W
<b>Total Heat loss</b>	<b>67942</b>	<b>W</b>

Total floor area	1045	m <sup>2</sup>	65	W/m <sup>2</sup>
Total volume	2822.05	m <sup>3</sup>	24.08	W/m <sup>3</sup>

Pre-heat period (hrs)	Plant ratio	Plant boosted output (kW)
0	1.83	124.04
1	1.72	117.13
2	1.63	110.95
3	1.55	105.39
4	1.48	100.36
5	1.41	95.79
6	1.35	91.62
7	1.29	87.8
8	1.24	84.28